Zhibo Lu

List of Publications by Year
in descending order

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Version: 2024-02-01

32 papers	797 citations	687220 13 h-index	580701 25 g-index
33 all docs	33 docs citations	33 times ranked	946 citing authors

#	Article	IF	Citations
1	Microplastics in surface water and sediments of Chongming Island in the Yangtze Estuary, China. Environmental Sciences Europe, 2020, 32, .	2.6	118
2	Occurrence and trends in concentrations of perfluoroalkyl substances (PFASs) in surface waters of eastern China. Chemosphere, 2015, 119, 820-827.	4.2	108
3	Occurrence and risk assessment of emerging contaminants in a water reclamation and ecological reuse project. Science of the Total Environment, 2020, 744, 140977.	3.9	73
4	Baseline values for metals in soils on Fildes Peninsula, King George Island, Antarctica: the extent of anthropogenic pollution. Environmental Monitoring and Assessment, 2012, 184, 7013-7021.	1.3	63
5	Phylogenetic characterization of microbial communities in a full-scale vermifilter treating rural domestic sewage. Ecological Engineering, 2013, 61, 100-109.	1.6	61
6	Levels and distribution of trace metals in surface sediments from Kongsfjorden, Svalbard, Norwegian Arctic. Environmental Geochemistry and Health, 2013, 35, 257-269.	1.8	54
7	Spatial distribution and source apportionment of PAHs in marine surface sediments of Prydz Bay, East Antarctica. Environmental Pollution, 2016, 219, 528-536.	3.7	44
8	Distribution of eight organophosphorus pesticides and their oxides in surface water of the East China Sea based on high volume solid phase extraction method. Environmental Pollution, 2021, 279, 116886.	3.7	41
9	Organophosphorus flame retardants and persistent, bioaccumulative, and toxic contaminants in Arctic seawaters: On-board passive sampling coupled with target and non-target analysis. Environmental Pollution, 2019, 253, 1-10.	3.7	34
10	Distribution profiles of per- and poly fluoroalkyl substances (PFASs) and their re-regulation by ocean currents in the East and South China Sea. Marine Pollution Bulletin, 2017, 125, 481-486.	2.3	30
11	Risk exposure assessment of per- and polyfluoroalkyl substances (PFASs) in drinking water and atmosphere in central eastern China. Environmental Science and Pollution Research, 2018, 25, 9311-9320.	2.7	30
12	Distribution, sources and transport of organophosphorus flame retardants in the water and sediment of Ny-Ã…lesund, Svalbard, the Arctic. Environmental Pollution, 2020, 264, 114792.	3.7	26
13	Occurrence, distribution and risk assessment of organophosphate ester flame retardants and plasticizers in surface seawater of the West Pacific. Marine Pollution Bulletin, 2021, 170, 112691.	2.3	20
14	Environmental impact assessment of agricultural production in Chongming ecological island. International Journal of Life Cycle Assessment, 2019, 24, 1937-1947.	2.2	12
15	Antarctic AdÃ©lie penguin feathers as bio-indicators of geographic and temporal variations in heavy metal concentrations in their habitats. Ecotoxicology and Environmental Safety, 2020, 206, 111135.	2.9	10
16	Non-targeted analysis for organic components of microplastic leachates. Science of the Total Environment, 2022, 816, 151598.	3.9	10
17	Spatialâ€“Temporal Distribution of Phosphorus Fractions and Their Relationship in Waterâ€“Sediment Phases in the Tuojiang River, China. Water (Switzerland), 2022, 14, 27.	1.2	9
18	A Decentralized and On-Site Option for Rural Settlements Wastewater with the Adoption of Vermifiltration System. , 2008, , .		8

#	Article	IF	Citations
19	A multi-criteria evaluation system for arable land resource assessment. Environmental Monitoring and Assessment, 2020, 192, 79.	1.3	8
20	Process evaluation of urban river replenished with reclaimed water from a wastewater treatment plant based on the risk of algal bloom and comprehensive acute toxicity. Journal of Water Reuse and Desalination, 2022, 12, 1-10.	1.2	8
21	Investigation of microplastic pollution in Arctic fjord water: a case study of Rijpfjorden, Northern Svalbard. Environmental Science and Pollution Research, 2022, 29, 56525-56534.	2.7	7
22	Ecological Risk Assessment of Trace Metal in Pacific Sector of Arctic Ocean and Bering Strait Surface Sediments. International Journal of Environmental Research and Public Health, 2022, 19, 4454.	1.2	5
23	Ceramsite-Vermifilter for Domestic Wastewater Treatment and Reuse: An Option for Rural Agriculture. , 2009, , .		4
24	Characterizing spatial distribution of chlorophyll a in the Southern Ocean on a circumpolar cruise in summer. Science of the Total Environment, 2020, 708, 134833.	3.9	2
25	Determination of Bacterioplankton Abundance, Production and Carbon Budget in the Northwest Weddell Sea. Geomicrobiology Journal, 2021, 38, 607-619.	1.0	2
26	Fibrous and filmy microplastics exert opposite effects on the mobility of nanoplastics in saturated porous media. Journal of Hazardous Materials, 2022, 434, 128912.	6.5	2
27	Spatial and Temporal Variations of Water Quality in Bailianjing River of Shanghai Expo Area. , 2009, , .		1
28	Analysis of Microbial Community in Vermifiltration by PCR-SSCP Method. , 2009, , .		1
29	Advanced Treatment of Wastewater on Nonbiodegradable Organic Matters from Alcohol Industry Using Chemical Coagulation and Ozonation Process. , 2009, , .		0
30	Health evaluation indicator system for urban landscape rivers, case study of the Bailianjing River in Shanghai. , 2010, , .		0
31	Water Quality Assessment of Bailianjing River in Shanghai Expo Park. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
32	Tests of Picoplankton as Early Bio-indicator of Nutrient Enrichment in the Riverâ€"Case Study in the River Bailianjing in Shanghai Expo 2010 Park. , 2010, , .		0